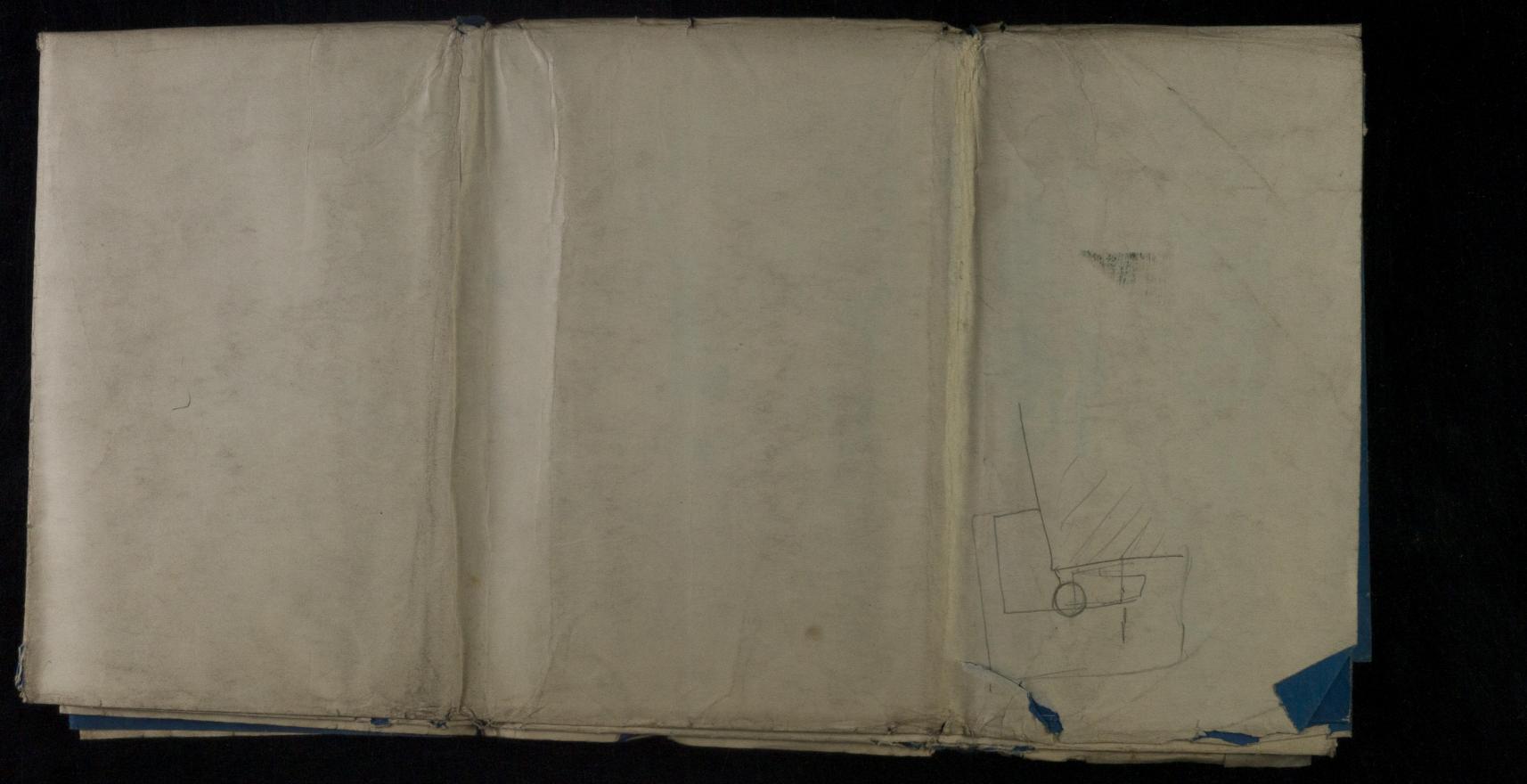


Swan & Hunter nº 1253 Profile & Decks mot covert. See amended plan " bity of mandalay" NEWCASTLE ON TO Report No. 494 29. W453-0151

S.S.Nº 1253 PROFILE & DECKS. DIMENSIONS .- 440-0" B.P. x 57-3" B.MLD. x 34-4" AM. TO UPPER DECK. To class 100 A. I. LLOYDS. FULL SCANTLING. HATCH SIDE CORMINGS ON WEATHER DECK 2-6 HIGH. FOR SCALE - 1/8"= 1 FOOT. PLANS OF W.T. BULKHEADS, PANTING ARRANGEMENTS AND AFTER PEAK TO BE SUBMITTED. FOREGRETLE DECK UPPER DECK BRIDGE TWEENS NO 4 UPPER TWEENS. NO 2 UPPER TWEENS. NO I UPPER HOLD NO3 (RESERVE) HOLD. SHAFF FUNNEL. CENTRE DIVISION NATERTIGHT. FRAMES 9 x 3 x 40 B.A. EXTENDING TO FRES 10 x 3/2 52 TO UPPER POPE FOUR FRAMES FRS 9/2x3/2x 44 B.R. to UPPER & BRIDGE FRS 9/2x3/2x 44 B.R. to UPPER & BRIDGE FRS 9/2x3/2x 44 B.R. to UPPER & UPPER & UPPER & BRIDGE DKS. ALT! WITH 5x3x 48 O.R. DECKS ALT! WITH 5/2x3x 50 O.R. REV. To 2^{NP} DK. UPPER & POOP DES ALTERNATELY FRAMES 9/2 x 3/2x . 44 B.A. TO UPPER & BRIDGE DECKS ALTERNATELY FRS. 9/2 . 3/2 x 40 B.A. TO UPPER & FRAMES 9/2 x 3/2 x 40 B.A. TO UPPER & F'CLE FRAMES 9 x 3 x 40 B.A. EXTENDING FRAMES 91/2 x 31/2 x . 44 B.A. TO UPPER & BRIDGE DECKS ALTERNATELY WITH 5 x 3 x . 50 O.A. REV. TO 2 DK. FORMING 10 GIRDER. WITH 5 x 3 x · 50 O.A. REV. TO 2ND DECK FORMING 10" GIRDER. TO 2" DECK FORMING 1012" GIRDER > REVERSE TO 2"DK FORMING 10" GIRDER FORMING 10" GIRDER BOGE DKS. ALT WITH 42x3x260 A. DECKS ALTERNATELY WITH 4/2x3x34 O. A. REVERSE TO UPPER & FILE DECKS ALTERNATELY INTERMEDIATE FRAMES IN POOP 7 × 3 × · 42 P.A. NOT SCARPHED INTERMEDIATE FRAMES IN BRIDGE 7x3x 42 0.A. NOT SCARPHED. INTERMEDIATE FRAMES IN FELE 7" 3x 42 O.A. BEAMS 9 x 3/2 x 42 B.A. POOR DECK. BEAMS 7/2 x 3x 34 EA STRINGER 61"x . 57. .40 FORECASTLE DECK. PLATING .43. 21/2" SHEATHING OVER ACCOMMODATION ACCOMMODATION. CARGO HATCH CARGO HATCH CARGO MATCH 15-0' × 18-0" PLATING . 40 42-0" × 18-0" PLATING .35 24-9" × 18-0" PLATE 14 x:32 21/2" COVERS ANGLES 4.3x.44 } 21/2" COVERS PLATE 12".32 JANGLES 4x3x 44 21/2"COVERS PLATE 12/2"x:32 ANGLES 4"3".44 2"2"COVERS PLATE 16x.36 ANGLES 4x3x44) 2/2"COVERS BEAMS 9 x 3/2 x . 44 B.A. BEAMS 9 x 3/2 x · 44 B.A. BEAMS 9/2 x 3/2 x · 44 B.A. BEAMS 9/2 x 3/2 x . 44 B.A. STRINGER 61 x 105 STRINGER .74. STRINGER 61"x .42 UPPER DECK. UPPER DECK. PLATING . 81 PLATING .58 PLATING .40. PLATING .40 CREW ACCOMMODATION. PLATING . 43 12-0" X 18-0" PLATING . 34. ENGINE CASING. CARGO HATCH CARGO HATCH 42 0"× 18-0" WEBS SPACED 5:3" PLATE 16/2" . 36 ANGLES 4 . 3 . 44 2/2"COVERS PLATE 18".38 } 3"COVERS. PLATE 16".36 \ 2"2" COVERS. ANGLES 4 x 3 x 44 \ PLATE 16/2 x 36 ANGLES 4 x 3 x 44. \ 2/2 COVERS PLATE 16"x 36 } 2"2" COVERS BEAMS 10/2 x 3/2 x . 50 B.A. BEAMS 10/2 x 3/2 x . 50 B.A. BEAMS 10/2 x 3/2 x . 50 B.A BEAMS 101/2 × 31/2 × 50 BA. BEAMS 10/2 x 3/2x . 50 B.A. STRINGER 49"x 42 STRINGER 49 x 38 SECOND DECK SECOND DECK. PLATING .40 PLATING . 44 OVER DEEP TANK. PLATING .36 PLATING .36 CARGO HATCH PLATING .32 STORE. CARGO HATCH PLATING .34 PLATING .34 42-0" × 18-0" PLATE 20"x.38 ANGLES 4x3x46 21/2"COTERS.

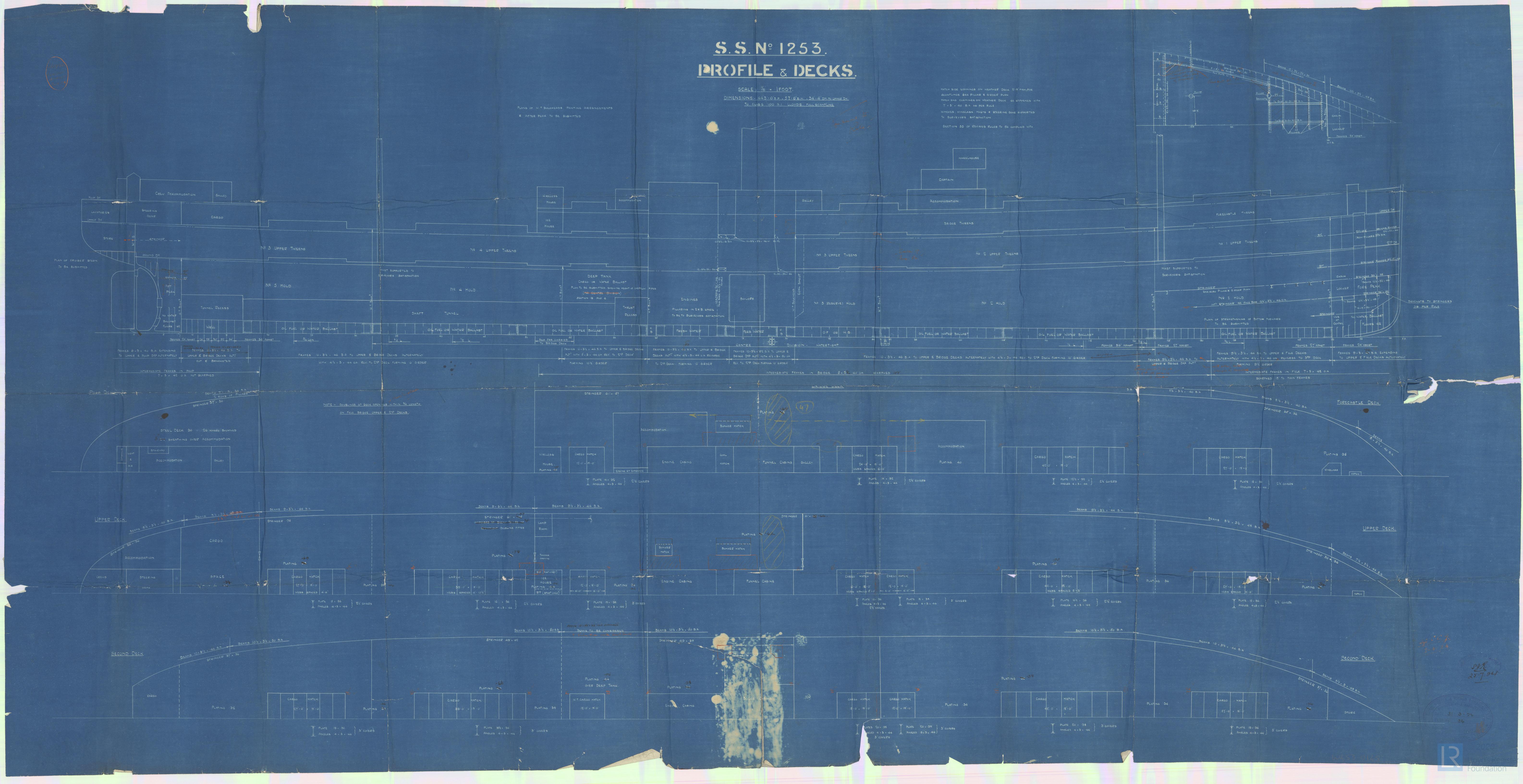
(4) Swam of Hunber no 1253. armended Profile & Decks. " lity of mandalong" Report No 78729. W453-0148





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Foundation ...



Swan & Hun ter MP 1253 EET. Midship Section " bity of mundalay NEWCASTLE ON TYME. Report No.

W453-0152



Nº 1253. FCLE SIDE PLATING .42 STRINGER " 35 + 36 STRINGER ANGLE 32.32 4.36 MIDSHIP SECTION. BEAMS 82 . 32 . 40 BA. MUMERALS REDUCED AT ENDS SEE PROFILE D = 34.33 BEAM KNEES 252 . 46. 6-78 RIV. 15107 443 × 34.33 = 15 208 L.D - 440 - 34 33 = POOP SIDE PLATING 40 410'-0" B. P. × 57'-3" B.M. × 34'-4" DM. TO UPPER DE. L. (8+0) , 440 (57-23+3433) = 40297 +0520 443× (57.5+34.33) =40681 - STRINGER , 37 + 36 " DECK " 10 x 36 TIE PLATES.) DECK IN LIEU d = 34.33 - (11.42+3.5) STRINGER ANGLE 32 32 . 36 - 10-34 D TO BRIDGE DE TO CLASS 100 A.I. LLOYD'S. FULL SCANTLING. " . BEAMS 72 . 3 . 34 BA = 12-81 /2-90 40 TO UPPER -. KNEES 222 × 40 5-3/4 RIV. % ERECTIONS = 80 SCALE 2 = IFT STRINGER 61+ 57 FOR 26 TO 35+ 36 FOR BUTTS TREBLE RIV FOR EL EQUIPMENT Nº 43 BRIDGE DECK PLATING TO . 36 AT END . Double NOT EX 38 42 MCREASED . 03 OR 36 SPACING = .45 - .36. 40297 HULL STRINGER ANGLE 6+6+57 FCLER BRIDGE 315 + 8.5 + .75 = BUTTS DOUBLE IN. POOP 43:537 + 8.0 + 75 = BRIDGE DE Houses 27 24 4 7.5 + . 50 = CASING 72 65 7:5 + 50 = CAMBER 144 GIRDER -147 HOUSE AFT 39-5-42 . 7 . . 30 = 000000 .66 FOR 2 TO .46 AT ENDS. BUTTS QUAD FOR 2L BEATS 9.32 . 42 BA. WHERE 36 SPACING KNEE 27 . 46 6-7/8 RN. 84.34.40 - - 27 - 252.46 6.7/8 " TREBLE AT ENDS UPPER DE PLATING . SI CLEAR OF BRIDGE TO . 36 AT ENDS EQUIPMENT. REDUCED AT END WHERE UNDER \$1. SEE PROFILE. . 38 IN WAY OF BRIDGE TO . 32 . 34 INCREASED . 02 FOR 36 SPACING : . 40 - 32 3 BOWER ANCHORS ET CHTS STOCKLESS INSIDE OPENINGS CLEAR OF BRIDGE approved 38 (See Prople) I STREAM " 22 205 . EX. STOCK. STRINGER GI +135 CLEAR OF BRIDGE TO 40 +-44 AT ENDS. 300 FTHMS 2 TO STUD CHAIN CABLE UPPER DECK PLATING CLEAR OF BRIDGE CARRIED INTO BRIDGE IN BRIDGE 32 TO 39 36 IN FICLE + POOP FOR A DISTANCE EQUAL TO 1/3 BREADTH OF VESSEL 5 STEEL STREAM WIRE -66 FOR EL TO .46 AT ENDS BUTTS QUINTUPLE IN WELL WHERE OVER . 84 5 STEEL WIRE TOWLINE BUTTS QUAD RIVIN WELL FOR 2L. TREGLE - - ABOVE . 48 2@ 100 " 23/4 " · HAWSERS. BUTTS TREELE RIV. DOUBLE IN BRIDGE DOUBLE IN BRIDGE 2@ 100" 23/4 " WARPS STRINGER ANGLE 7-7 - 94 IN WELL TO 32+32+44 SINGLE AT ENDS. . 32.32 × 44 IN BRIDGE TO .36 AT ENDS TR ABOVE . 84 UPPER DE SR DR UNDER -84 ANGLE AT FACE OF FRAME 3 . 3 . 42 - 36 SHEERSTRAKE 51 - 94 FOR 2L TO ABAT ENDS. .66 IN WAY OF BRIDGE + . Ob FOR 36 SPACING BEAMS 0532 - 44 BA CLEAR OF BRIDGE 36 SPACING KNEE 27 -48 6 - 78 RIV " 9 35 44 BA. IN WAY OF " " " 282 50 6-7/8 " BUTTS QUINTUPLE IN WELL QUAD. " " HOT EX 84 10-3 BEAMS REDUCED AT ENDS WHERE UNDER EL. SEE PROFILE D.R TREBLE IN BRIDGE STRAKE BELOW 51 - 81 FOR \$1 TO .46 AT ENDS · 6G IN BRIDGE + · OL FOR 36 SPACING 200 DECK PLATING 38 FOR \$1 TO 32 AT ENDS BUTTS QUAD RIY. IN WELL INCREASED .02 FOR 36" SPACING = .40 -.32 3 TREBLE IN BRIDGE O.R. .34 IN WAY OF BRIDGE INCREASED .02 = .36 34 INSIDE OPENINGS. STRINGER 49 + . 42 FOR 2L TO 37 + . 36 BUTTS DOUBLE RW FOR 1 . 38 IN WAY OF BRIDGE BUTTS DOUBLE RIV. SINGLE AT ENDS. STRINGER ANGLE 32 . 32 . 44 FOR 21. TO . 36 ANGLE AT FACE OF FRAME 3.3.42 - 36 & 38 IN WAY OF BRIDGE. GIRDER -000000000 BEAMS 102.32.50 B.A. SPACED 36". KNEE 312 x . 50. 7-78 RW. 10 + 32 - 44 BA * 27 . 30 x 50 7 - 781RIV. " REDUCED AT ENDS WHERE UNDER ZL. SEE PROFILE. FRAMES IN PEAKS 24 APART SPACING INCREASED AFT FRS 11 TO 15 " To " 27" " free Geak = 9x3x-44+ 10" + 234 STEM STERN POST 102+9 FRAMES IN PEAKS 9+3.40 BA EXTENDING TO UPPER & FICLE OR POOP RUDDER . 9. 9 DICKS ALTERNATELY. INTERMEDIATE FRAMES IN FOLE 7.3.42 ANG. SCARPHED 18 TO MAIN FR. " " POOP 7.3.42 ANG. NOT SCARPHED. FRAMES IN FORE HOLD (FRS 132 TO 150) 92.32.49 BA WITH ANGLE REVERSE EXTENDING TO 3RD DECK. 42 . 3 . 34 ANG. FORMING 92 GIRDER. ABOVE 3PD DE 92 . 35 . 40 B.A EXTENDING TO BRIDGE DE ON ALT. FRS. SIDE PLATING . 66 - .46 FRAMES IN FORE HOLD (FRS 100 132) 92. 32. 40 BA HITH REVERSE BAR INCREASED . OB FOR 36" SPACING TANK TOP CENTRE STRAKE (532 RULE) PROP 78. 32 FOR 2L. EXTENDING TO 3RD DECK 42 . 3 - 26 FORMING 92 GIRDER TO .44 AT ENDS. 66 33 IN BLR ROOM. PROVE 380 DECK 92 - 35 . 40 B.A. EXTENDING TO UPPER & BRIDGE DIS ALT. = - 72 - 46 INCREASED TO . 54 IN ENG. ROOM FOR 36" SPACING FRAMES IN REMAINING HOLDS 93 . 32 . 44 B.A. TO UPPER & BRIDGE OR POOP BUTTS TREBLE RIV. ALTERNATELY WITH REVERSE BAR 5. 3 * 50 ANG. TO 2 DE FORMING O GIRDER BUTTS. TREBLERIV FOR 2L. DOUBLE AT ENDS NOT OVER 48 FRAMES IN DEEP W. BAL TANK IN CREASED 2" IN DEPTH. TANK TOP PLATING .44 FOR \$1 TO 40 AT ENDS. FRAMES & REVERSES INCREASED . OG IN BOILER ROOM & PERMANENT BUNKERS. .52 IN E.S. 68 SE IN BLR SPACE. INTERMEDIATE FRAMES IN BRIDGE 7.3 4.42 ANG. NOT SCARPHED INCREASED '03 IN HOLDS FOR 36 SP. & . 02 IN E.S. 4 FRAMES AT AFT END OF BRIDGE CHRRIED TO BRIDGE DECK = 47 TO 40 FORD & 43 AFT. 54 INES. 58 B.S. TANK TOP UNDER HATCHES INCREASED -08 IN LIEU OF CEILING BOSS PLATE .76 FOR FRIMES 11 TO 15 SEE PROFILE BUTTS DOUBLE FOR 2L FLOORS .42 62 52 IN B.S. STIFFENED NITH 3 +3 x 40 GUSSETS ON EVERY FRAME WITH WT FLOORS INCREASED '08 WITH STIFFS 32 .35 .44 SPACED 30 APART FLOORS ON EVERY FRAME IN PEAKS, FOR OF 3/5L FOR , UNDER MARGIN PL. (RULE 382) PROPOSE 42 IN CONJUNCTION WITH REDUCED C.GIRDER THRUST SEAT. ON ALT. FRAMES ELSEWHERE. · S4 IN HOLDS & E.S. · GO IN B.S. SIDE GIRDER .42. SZINBS .62 INCREASED . 03 H USLOS FOR 36 SPACING & -02 IN E.S. = '57 IN HOLDS '56 ES 60 BS. " YERTS 3 . 3 . 40 . 50 IN BS. CENTRE GIRDER (RULE 452) PROPOSE 42 DEEP IN FOR RIVETS TO MARGIN & GUSSETS FRAME BOTTOM 32.32 .. AL SINGLE 5.5 .. 44 SINGLE FOR BUTTS TREBLE RIV. FORWARD SEE SECT. 7 (REVISED) CONJUNCTION WITH INCREASED MARGIN. OUTSIDE YERY, 31 35 114 COURSE 54 11 Co SECTION 35 TO BE OF 3/5L. TO COLL BHO. .57 FOR \$1 TO .46 AT ENDS. 63 IN B.S. REY. " 35. 32. 44. DOUBLE UNDER THRUST + BLR BEARERS CA 6.6 . SO SINGLE. 78 RIV. ASSHOWN COMPLIED WITH BUTTS TREBLE RIV. " x " 35 - 35 - 54 IN BLR RM. 6.6 -60 " IN B.5 INNER VERTS 4-32- 44 SINGLE :54 B.S. D.R DR CENTRE GIRDER TOP BARS 35 . 35 . 54 TO . 50 DOUBLE. \$4 IN BR. 32-32-44/ " YERTS. 35 . 35 . 44 SINGLE. BILGE KEEL G × 4 TEE BAR S4 IN BS " " DOUBLE UNDER MACHINERY, THRUST 12 .. 50 BULB PLATE BLOCK & BLR BEARERS 35 . 35 . 54 CENTRE GIRDER BOTTOM BARS 5.5.60 TO 56 DOUBLE. SHELL TO UPPER TURN OF BILGE 68 FOR \$1 TO SO AT ENDS FLAT PLATE KEEL 52 x . 86 FOR 3/5L. . 76 AT ENDS. INCREASED . OF FOR 36 SPACING = .74 3.50 BUTTS. QUAD FOR \$1. BUTTS QUAD RIV FOR \$1. TREBLE AT ENDS ADDITIONAL GIRDERS IN WAYOF ENG. SERT, THRUST BLOCK + FORD & 3/5L 3 STRAKES OF SHELL TO HAVE & THICKNESS CARRIED TO RULE POSITION OF CULLISION BHO. 3-0 000000 48 IN BS.7 42+02 - 44 42 + 84= 44 54 B.S RIVS TOIAS APAR 34 IN BS X . Sh . A6 SECTION IN WAY OF BEACKET FLOORS

(83) Wallsend Slipway Tonglo Ld. 3. S.E. Boiles SK 1253 Swan Hunter Twigham Recland son "Wity of brandalay" NEWCASTLE ON TH Penon 78729. W453-0149

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